



Fig. 1

1: Private branch exchange (PBX)

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11: Analog outside line interface
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Analog telephone line

12: Digital outside line interface

Digital telephone line

13a: Extension interface

13n: Extension interface

l4: Switch means

15: Extension control means

5a: Dial reception means

6: Outside line control means

6a: First dial transmission means

6b: Second dial transmission means

6c: Connection signal detector

7: Storage means

7a: Radial table

7b: Telephone directory

7/c: Dial storage condition storing means

3: Control means

la: Switch control means

b: Dial information storage control means

c: Radial control means

d: Timing setting means

Fig. 2

① 電話機	② 捕捉手段	③ リダイヤルデータ
Tel 1	④ デジタル空き外線捕捉	00247721 × × P1234
Tel 2	⑤ TRG 指定捕捉	007212 ○ ○
Tel 3	TIE	95210 △ △ P155
Tel 4	⋮	
Tel 5	⋮	
Tel 6	⋮	
Tel 7	⋮	
Tel 8	⋮	
Tel 9	⋮	
Tel 10	⑥ 空き外線捕捉	00243121 ◇ ◇

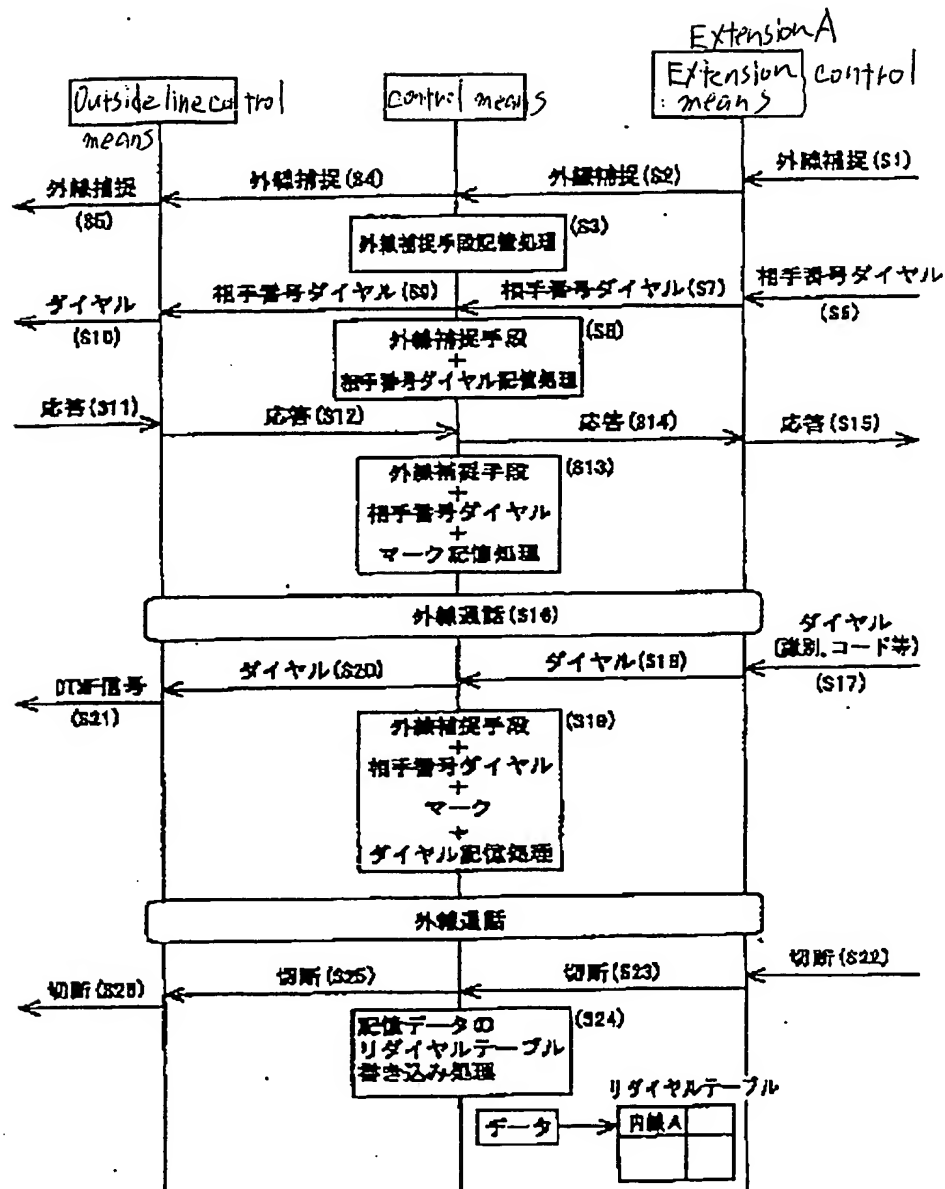
Fig. 2

- ① telephone apparatus ② Seizure means ③ Redial data
- ④ Idle digital outside line seizure
 - ⑤ Specified trunk group (TRG) seizure
 - ⑥ Idle outside line seizure

Fig. 3.

Outside line seizure (S1)
Outside line seizure (S2)
Outside line seizure means storage processing (S3)
Outside line seizure (S4)
Outside line seizure (S5)
Dialing the called number (S6)

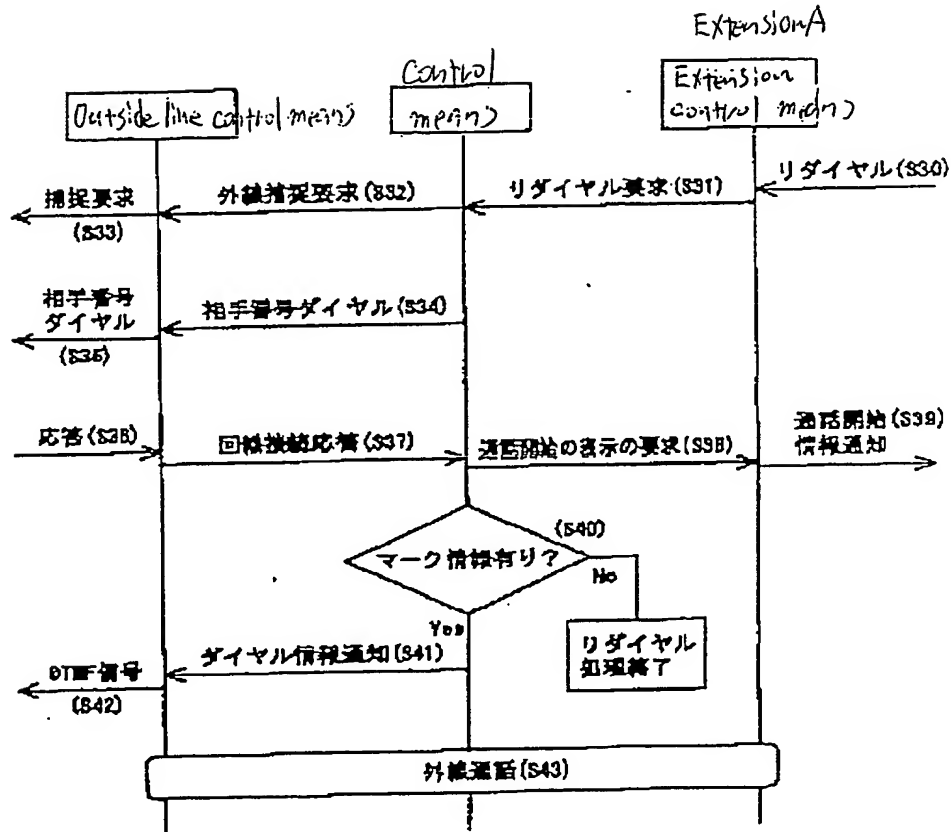
Dialing the called number (S7)
Store outside line seizure means +
called number dialing (S8)
Dialing the called number (S9)
Dialing (S10)
Answer (S11)
Answer (S12)



Store outside line seizure means +
called number dialing+
mark (S13)
Answer (S14)
Answer (S15)
Outgoing call (S16)
Dial (type, code) (S17)
Dial (S18)
Store outside line seizure means +
called number dialing+
mark+
Dial (S19)
Dial (S20)

DTMF signal (S21)
Outgoing call
Release (S22)
Release (S23)
Write target data to redial table (S24)
Data Redial table
Extension A
Release (S25)
Release (S26)

Fig. 4



Redial (S30)

Redial request (S31)

Outside line seizure request (S32)

Seizure request (S33)

Called number dialing (S34)

Called number dialing (S35)

Answer (S36)

Connection signal (S37)

Request for display of call start (S38)

Notice of call start information (S39)

Mark information present? (S40)

Redial processing complete

Dial information notice (S41)

DTMF signal (S42)

Outgoing call (S43)